



DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)
BOARD AND CODE ADMINISTRATION DIVISION
NOTICE OF ACCEPTANCE (NOA)

MIAMI-DADE COUNTY
PRODUCT CONTROL SECTION
11805 SW 26 Street, Room 208
Miami, Florida 33175-2474
T (786) 315-2590 F (786) 315-2599
www.miamidade.gov/economy

Clopay Building Products Company
8585 Duke Boulevard
Mason, OH 45040

SCOPE: This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER-Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. RER reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

DESCRIPTION: 2" Steel Pan W8 Gallery Sectional Garage Door up to 16'-2" Wide w/ Optional Impact Resistant Lites (DP +46.0, -52.0 PSF)

APPROVAL DOCUMENT: Drawing No. 104791, titled "W8 DP 46T 2" Gallery Pan Doors 16'2"W", sheet 1 and 4 of 4, dated 04/11/2013, with revision 2 dated 06/10/2014, prepared by Clopay Building Products Company, signed and sealed by Scott Hamilton, P.E., bearing the Miami-Dade County Product Control revision stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: Large and Small Missile Impact Resistant

LABELING: A permanent label with the manufacturer's name or logo, Troy, OH, model number, the positive and negative design pressure rating, indicate impact rated if applicable, installation instruction drawing reference number, approval number (NOA), the applicable test standards, and the statement reading 'Miami-Dade County Product Control Approved' is to be located on the door's side track, bottom angle, or inner surface of a panel.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA revises NOA # 13-0510.04 and consists of this page 1 and evidence page E-1, as well as approval document mentioned above.

The submitted documentation was reviewed by Carlos M. Utrera, P.E.



[Signature]
08/14/2014

NOA No 14-0617.02
Expiration Date: August 1, 2018
Approval Date: August 21, 2014
Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Drawing No. 104791, titled "W8 DP 46T 2" Gallery Pan Doors 16'2"W", sheet 1 and 4 of 4, dated 04/11/2013, with revision 2 dated 06/10/2014, prepared by Clopay Building Products Company, signed and sealed by Scott Hamilton, P.E.

B. TESTS *"Submitted under NOA # 13-0510.04"*

1. Addendum letter to Test Report No. ATLNC 0220-01-13, dated 06/18/2013, signed and sealed by David W. Johnson, P.E.
2. Test reports on
 - 1) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
 - 2) Large Missile Impact Test per FBC, TAS 201-94
 - 3) Cyclic Wind Pressure Loading per FBC, TAS 203-94
 - 4) Forced Entry Test, per FBC, TAS 202-94
 - 5) Tensile Test per ASTM E8

Along with marked-up drawings and installation diagram of 16'2"x 8', 24ga steel garage door Model GD4SW8 with windows, prepared by American Test Lab, Inc., Test Report No. ATLNC 0220-01-13, dated 04/29/2013, signed and sealed by David W. Johnson, P.E.

3. Test report on Salt Spray per ASTM B117 of painted G40 galvanized coated panels, prepared by Stork Materials Technology, Test Report No. 30160-04-63365, dated 01/26/2005, signed by John D. Lee, P.E.

C. CALCULATIONS *"Submitted under NOA # 13-0510.04"*

1. Jamb anchor calculations prepared by Clopay Building Products Company, dated 05/03/2013, signed and sealed by Scott Hamilton, P.E.

D. QUALITY ASSURANCE

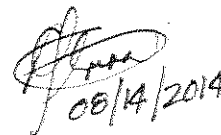
1. Miami-Dade Department of Regulatory and Economic Resources (RER)

E. MATERIAL CERTIFICATIONS

1. None.

F. STATEMENTS

1. Statement letters of code conformance to 2010 FBC and no financial interest, both issued by Clopay Building Products Company, dated 06/10/2014, signed and sealed by Scott Hamilton, P.E.



Carlos M. Utrera, P.E.
Product Control Examiner
NOA No 14-0617.02

Expiration Date: August 1, 2018
Approval Date: August 21, 2014

MODELS	SHORT
CLOPAY GALLERY	GD4S, GR4S
HOLMES ARTISTRY	AR4S
IDEAL EXPRESSIONS	ED4S
SEE SHEET 4 FOR "GRAND HARBOR" MODELS.	

SHEET:
1 OF 4

REVISIONS						DESCRIPTION
REV. NO.	ZONE	DATE	ECN NO.	APPVD		
01	-	4/11/13	-	SH		INITIAL RELEASE.
02	S1:C3-4	06/10/14	--	SH		ADDED OPTIONAL LOUVER VENTS.

OPTIONAL IMPACT RESISTANT GLAZING. MAXIMUM GLAZING SIZE (DLO) IS 16-1/2"x13". SEE SECTION B-B ON THIS SHEET FOR DETAILS.

20 GA. INTERMEDIATE STILES BETWEEN EACH EMBOSS, ATTACHED WITH TOG-L-LOCS (TOP AND BOTTOM) AND URETHANE ADHESIVE (ALONG CENTER).

(2) 12 GA. GALV. STEEL TOP ROLLER BRACKETS. SEE SECTION A-A ON SHEET TWO FOR DETAILS.

THE U-BAR MAY BE MOVED TO THE BOTTOM OF THE LITE SECTION AS SHOWN. IF SO, THE TOP OF THE SECTION BELOW THE LITE SECTION MUST HAVE A 3" U-BAR.

3" 20 GAGE 80 KSI MIN. U-BARS ON THE TOP OF EVERY OTHER SECTION, STARTING WITH THE SECOND SECTION FROM THE BOTTOM. U-BARS ARE NOT REQUIRED ON DOORS WHERE ALL SECTIONS ARE 21" SECTION HEIGHT.

VIEW "B".
VIEW "C".
TWO POINT LOCKING INTO TRACK.
16 GA. MIN. GALV. STEEL END STILES.

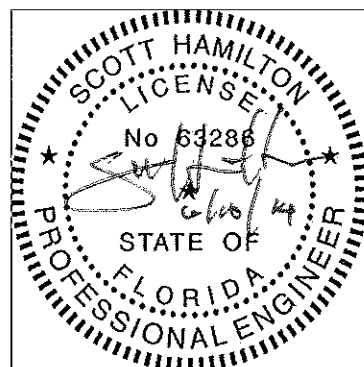
(2) STACKED 12 GA. 1-1/2" X 5" LHR BRACKET.

LOCATION OF OPTIONAL VENTS. TOTAL VENT OPENINGS: 60 IN² PER VEHICLE.

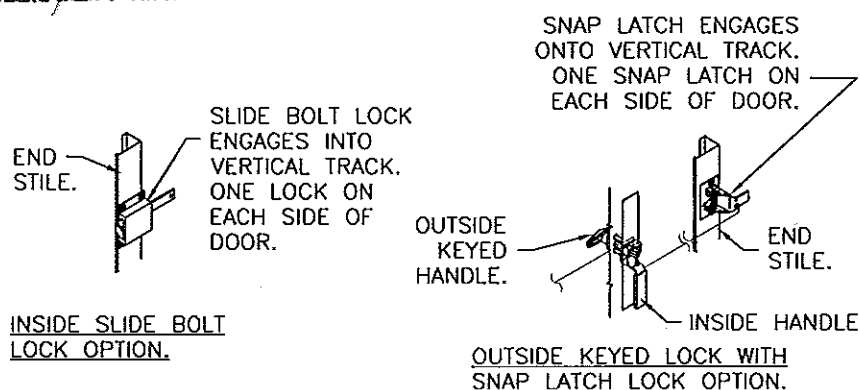
DOOR HEIGHT	# OF SECTIONS
UP TO 8'0"	4
8'3" TO 10'0"	5
10'3" TO 12'0"	6
12'3" TO 14'0"	7
14'3" TO 16'0"	8
MAX SECTION HEIGHT: 24"	

PRODUCT REVISED
to comply with the Florida
Building Code
Acceptance No 14-0617-02
Expiration Date 05/01/2018

By *[Signature]*
Miami Data Product Control

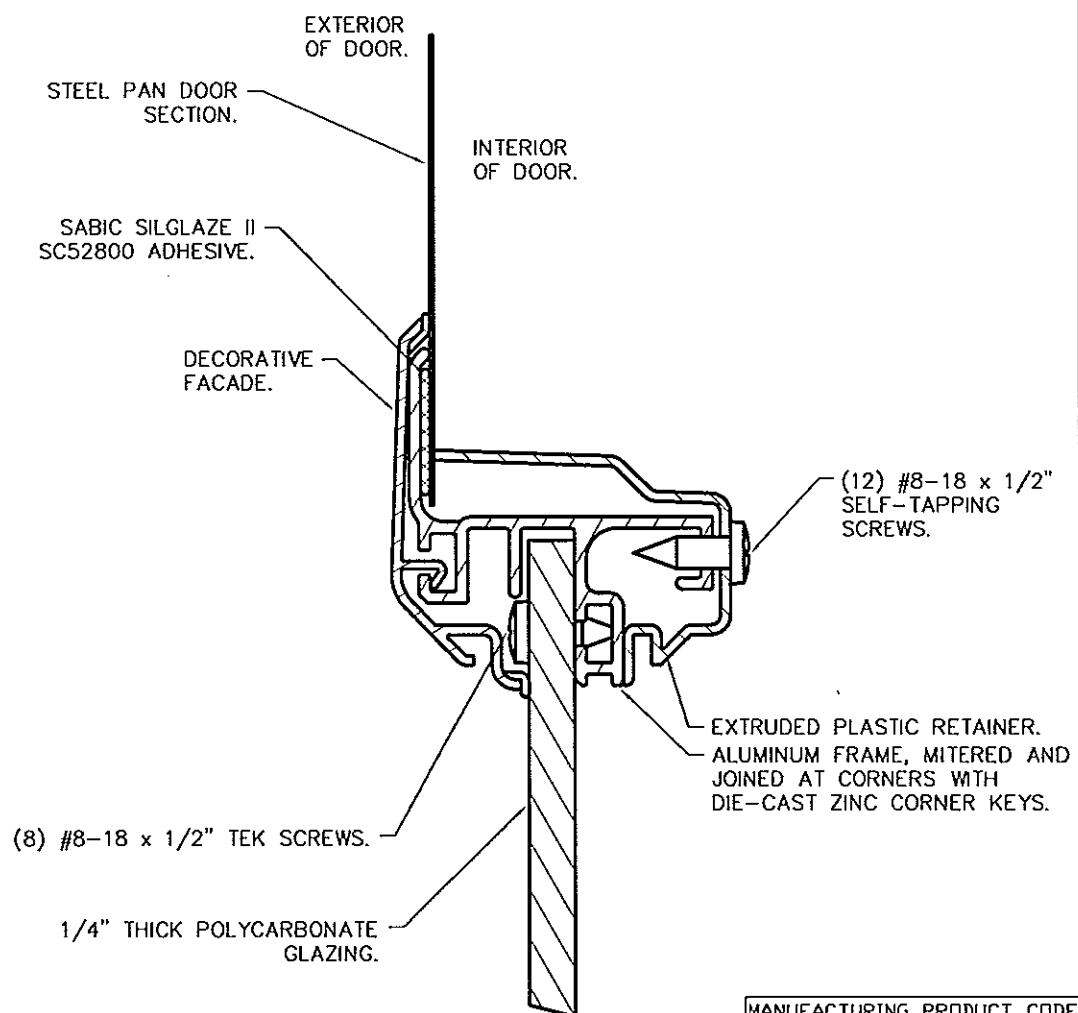


DESIGN ENGINEER:
SCOTT HAMILTON, P.E.
FLORIDA LICENSE No. 63286



IMPACT-RESISTANT CONSTRUCTION:
SOLID DOORS (NO GLAZING) OR DOORS WITH OPTIONAL IMPACT-RESISTANT GLAZING ARE IMPACT-RESISTANT. OPTIONAL IMPACT RESISTANT ASSEMBLY CONSISTS OF ALUMINUM FRONT FRAME AND SABIC INNOVATIVE PLASTICS LEXAN MR10, AN APPROVED CC1 PLASTIC IN ACCORDANCE WITH IBC/FBC 2606 AND AN APPROVED C1 PLASTIC IN ACCORDANCE WITH FBC 2612. THE ENTIRE DOOR ASSEMBLY INSTALLED IN COMPLIANCE WITH THIS SECTION MEETS THE WIND LOAD REQUIREMENTS OF THE FLORIDA BUILDING CODE AND INTERNATIONAL BUILDING CODE AND IS LARGE- AND SMALL-MISSILE IMPACT RESISTANT.

SECTION B-B (IMPACT-RESISTANT GLAZING OPTION)



DESIGN LOADS: +46.0 P.S.F. & -52.0 P.S.F.

Unless Stated Otherwise
TOLERANCES are
.0 = ±.031
.00 = ±.015
.000 = ±.005
.0000 = ±.001
Degrees = ±1/2'
Unless Stated Otherwise
DIMENSIONS ARE IN INCHES.

Clopay
Building Products Company
8585 Duke Boulevard
Mason, OH 45040 USA
Tel. No. 513-770-4800
Fax No. 513-770-4853

DESCRIPTION: 2" GALLERY PAN DOORS 16'2"W (SEE TABLE)

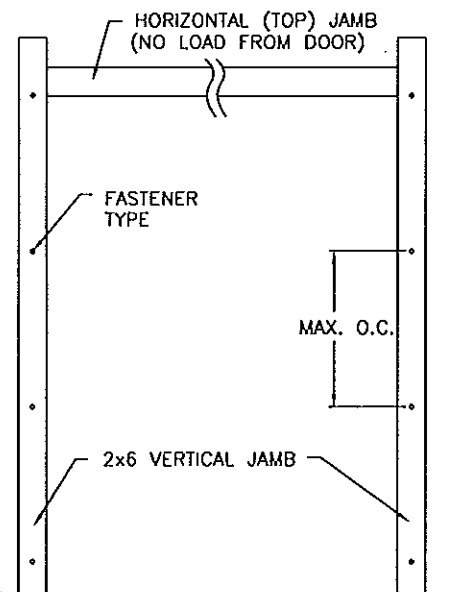
DRAWN BY: SH	DATE: 5/1/13	SCALE: NTS	DWG. B
CHECKED BY: SH	DATE: 5/1/13	SHEET 1 OF 4	SIZE
DWG. NO.: 104791	VER: M-D		

MANUFACTURING PRODUCT CODE
PAN-2F443
PART NO.: N/A

WINDLOAD RATING
W8 DP46T

MODELS	SHORT
CLOPAY GALLERY	GD4S, GR4S
HOLMES ARTISTRY	AR4S
IDEAL EXPRESSIONS	ED4S
SEE SHEET 4 FOR "GRAND HARBOR" MODELS.	

REVISIONS						DESCRIPTION
REV. NO.	ZONE	DATE	ECN NO.	APPVD		
02	-	-	-	SH		SEE REVISION HISTORY ON SHEET ONE.



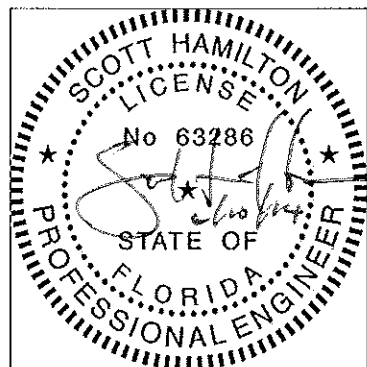
JAMB TO SUPPORTING STRUCTURE ATTACHMENT

- NOTES:
- ALL THE LOAD FROM THE DOOR IS TRANSFERRED TO THE TRACK AND THEN FROM THE TRACK TO THE 2x6 VERTICAL SYP (GRADE #2 OR BETTER) JAMBS. NO LOAD FROM THE DOOR IS TRANSFERRED TO THE HORIZONTAL (TOP) JAMB.
 - EACH VERTICAL JAMB SEES A MAXIMUM DESIGN LOAD OF +368 LB & -416 LB. PER LINEAR FOOT OF JAMB.
 - ALL JAMB FASTENERS MAY BE (BUT ARE NOT REQUIRED TO BE) COUNTERSUNK TO PROVIDE A FLUSH MOUNTING SURFACE.
 - A 1/3 STRESS INCREASE FOR WIND LOAD WAS NOT USED IN THE CALCULATION OF ALLOWABLE LOADS FOR ANCHORS AND FASTENERS FOR STEEL, CONCRETE AND MASONRY.

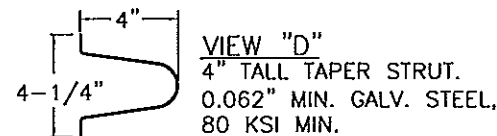
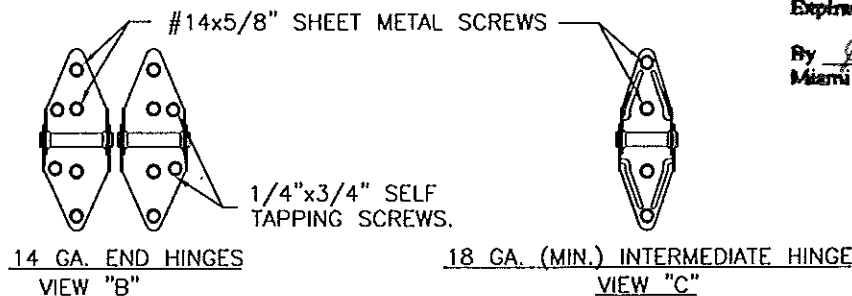
2x6 JAMB TO SUPPORTING STRUCTURE ATTACHMENT (NOT TO BE USED FOR ATTACHMENT OF TRACK ANGLE TO 2x6 VERTICAL JAMBS OR SUPPORTING STRUCTURE)

BUILDING TYPE	FASTENER TYPE	MAXIMUM ON-CENTER DISTANCE BETWEEN FASTENERS*	STEEL WASHERS REQUIRED?
HOLLOW CMU BLOCK WALL	1/4" x 1-1/4" MIN. EMBED ULTRACON CONCRETE ANCHOR	4-1/2"	1" O.D.
GROUT-FILLED CMU BLOCK	1/4" x 1-3/4" MIN. EMBED ULTRACON CONCRETE ANCHOR	7-1/2"	1" O.D.
2000 PSI MIN. CONCRETE	1/4" x 1" MIN. EMBED ULTRACON CONCRETE ANCHOR	6-1/4"	1" O.D.
2000 PSI MIN. CONCRETE	1/4" x 1" MIN. EMBED TAPCON CONCRETE ANCHOR	3-1/2"	1" O.D.
2000 PSI MIN. CONCRETE	3/8" x 1-3/4" MIN. EMBED WEJ-IT ANKR TITE SLEEVE ANCHOR	13-1/2"	INCLUDED
4000 PSI MIN. CONCRETE	3/8" x 1-3/4" MIN. EMBED WEJ-IT ANKR TITE SLEEVE ANCHOR	24"	INCLUDED
WOOD FRAME (SYP 0.55 SG)	1/2" x 3" LAG SCREW (ASTM A307, GRADE A) 1-5/8" EMBED INTO STRUCTURE	14-3/4"	1" O.D.

* FIRST (BOTTOM) ANCHOR STARTING AT NO MORE THAN HALF OF THE MAXIMUM ON-CENTER DISTANCE. HIGHEST ANCHOR INSTALLED AT LEAST AS HIGH AS THE DOOR OPENING.
CLOPAY DOES NOT SUPPLY JAMB ATTACHMENT FASTENERS.
MINIMUM DISTANCE BETWEEN CENTER OF ANCHOR AND EDGE OF CONCRETE BLOCK: 2-1/2", EXCLUDING STUCCO THICKNESS.



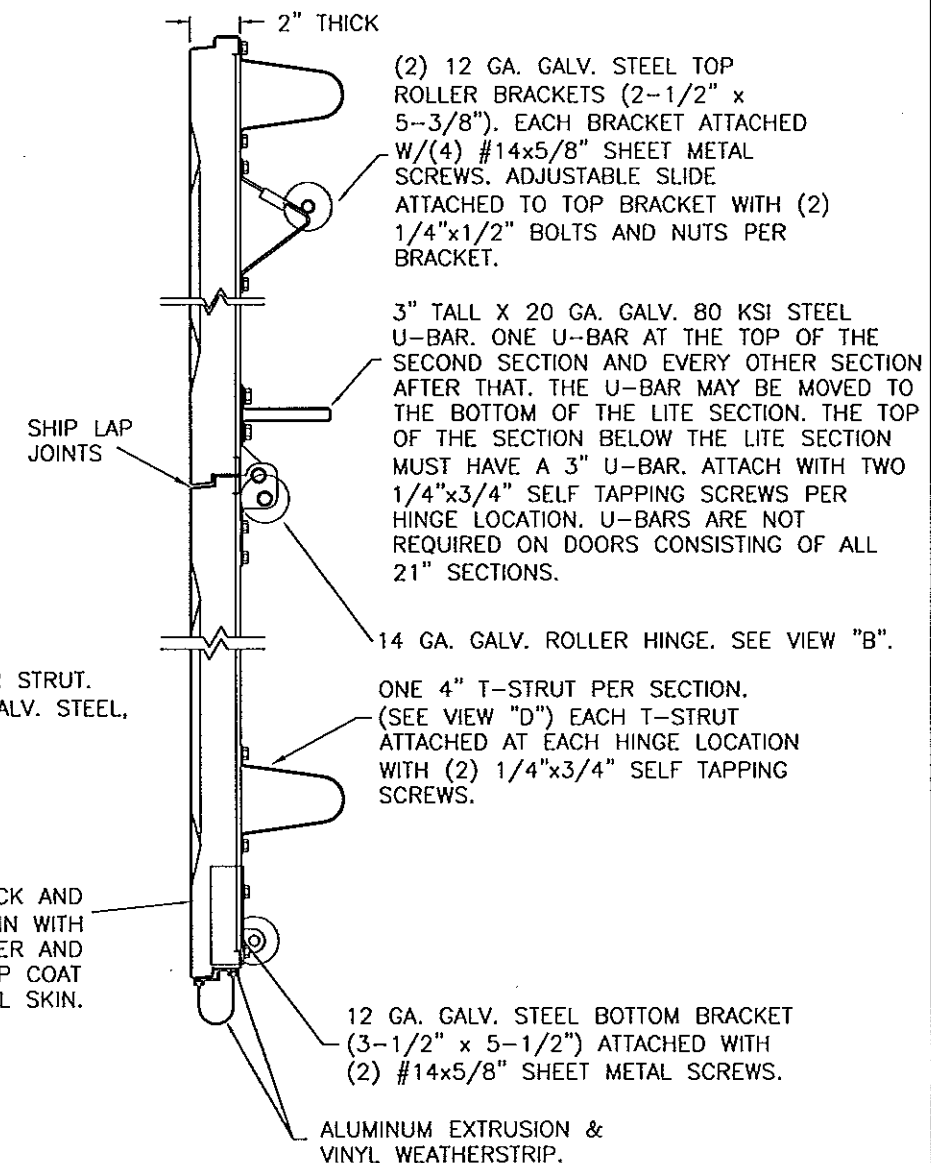
DESIGN ENGINEER:
SCOTT HAMILTON, P.E.
FLORIDA LICENSE No. 63286



24 GA. DDS STEEL (MIN. 0.022" THICK AND MIN. YIELD 37.3 KSI .) EXTERIOR SKIN WITH G-40 GALVANIZING, BAKED-ON PRIMER AND A BAKED-ON POLYESTER PAINTED TOP COAT APPLIED TO BOTH SIDES OF STEEL SKIN.


PRODUCT REVISED
to comply with the Florida
Building Code
Acceptance No 14-0617.02
Expiration Date 08/01/2018
By [Signature]
Miami Dade Product Control

SECTION A-A (SIDE VIEW)



DESIGN LOADS: +46.0 P.S.F. & -52.0 P.S.F.

Unless Stated Otherwise TOLERANCES are
.0 = ±.031
.00 = ±.015
.000 = ±.005
.0000 = ±.001
Degrees = ±1/2'
Unless Stated Otherwise DIMENSIONS ARE IN INCHES.

 Clopay Building Products Company	8585 Duke Boulevard Moson, OH 45040 USA Tel. No. 513-770-4800 Fax No. 513-770-4853		WINDLOAD RATING W8 DP46T	
	DESCRIPTION: 2" GALLERY PAN DOORS 16'2"W (SEE TABLE)			
DRAWN BY: SH	DATE: 5/1/13	SCALE: NTS	DWG. B	
CHECKED BY: SH	DATE: 5/1/13	SHEET 2 OF 4	SIZE B	
DWG. NO.: 104791		VER: M-D		

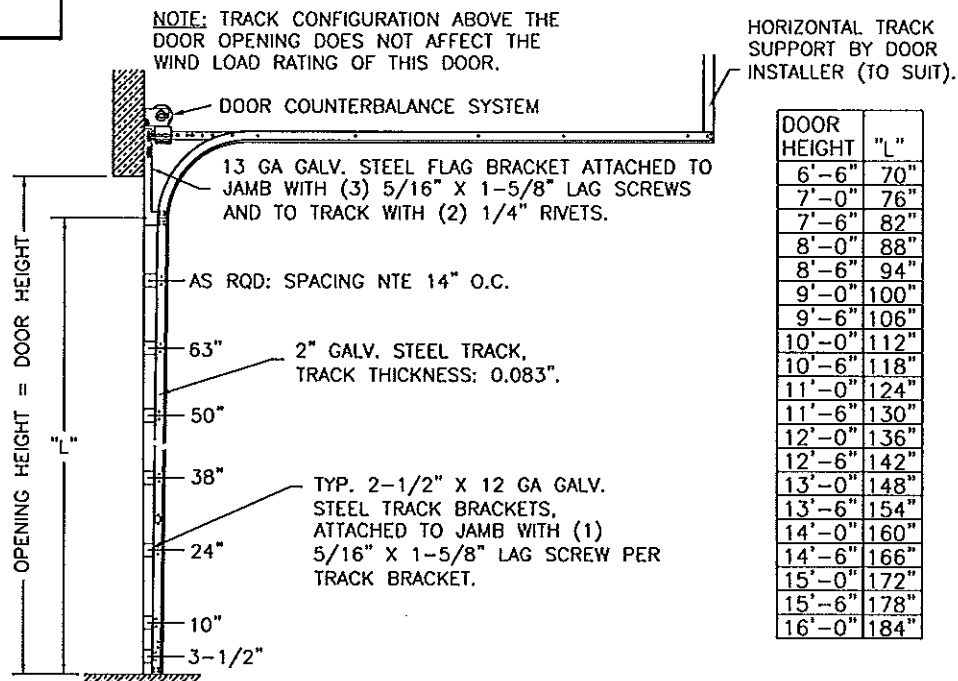
MANUFACTURING PRODUCT CODE PAN-2F443
PART NO.: N/A

WINDLOAD RATING W8 DP46T

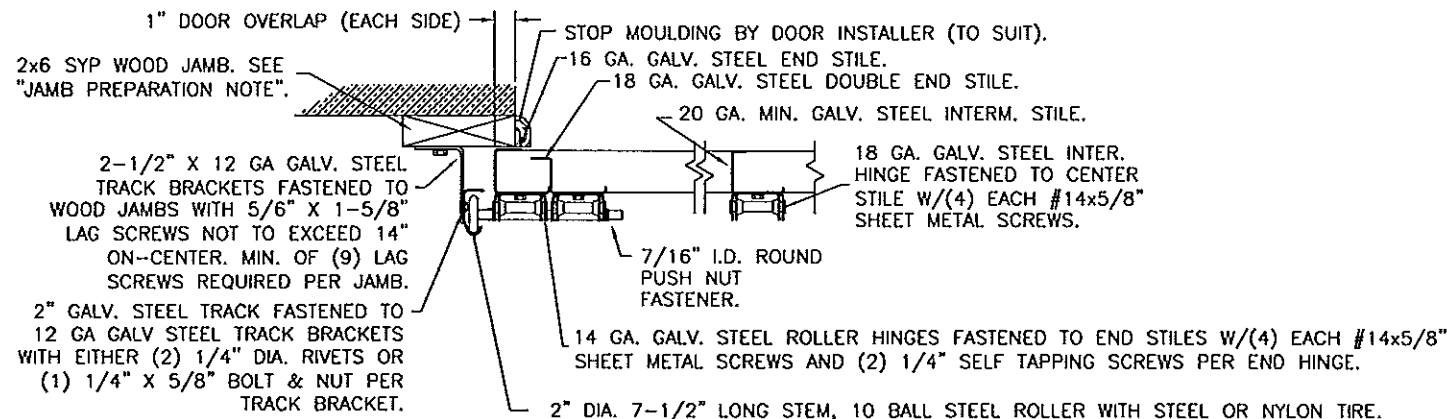
MODELS	SHORT
CLOPAY GALLERY	GD4S, GR4S
HOLMES ARTISTRY IDEAL EXPRESSIONS	AR4S
	ED4S
SEE SHEET 4 FOR "GRAND HARBOR" MODELS.	

SHEET:		REVISIONS					DESCRIPTION
3 OF 4		REV. NO.	ZONE:	DATE:	ECN NO.	APPVD:	
		02	--	--	--	SH	SEE REVISION HISTORY ON SHEET ONE.

2" TRACK CONFIGURATION
DOORS UP TO 800 LBS.



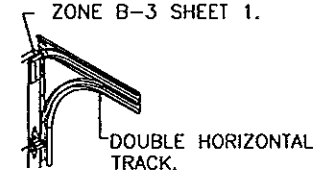
JAMB CONFIGURATION
DOORS UP TO 800 LBS.



SECTION C-C
PREPARATION OF JAMBS BY OTHERS.

LHR BRACKET (2-1/2" x 5-3/4" x 12GA) ATTACHED WITH (2) 1/4" x 3/4" SELF TAPPING SCREWS. NOTE THAT LHR BRACKETS ARE ALSO USED WITH "DOUBLE END STILE" AS SHOWN IN ZONE B-3 SHEET 1.

DOUBLE TRACK
LOW HEADROOM OPTION
(AVAIL. FOR BOTH 2" AND 3" TRACK)



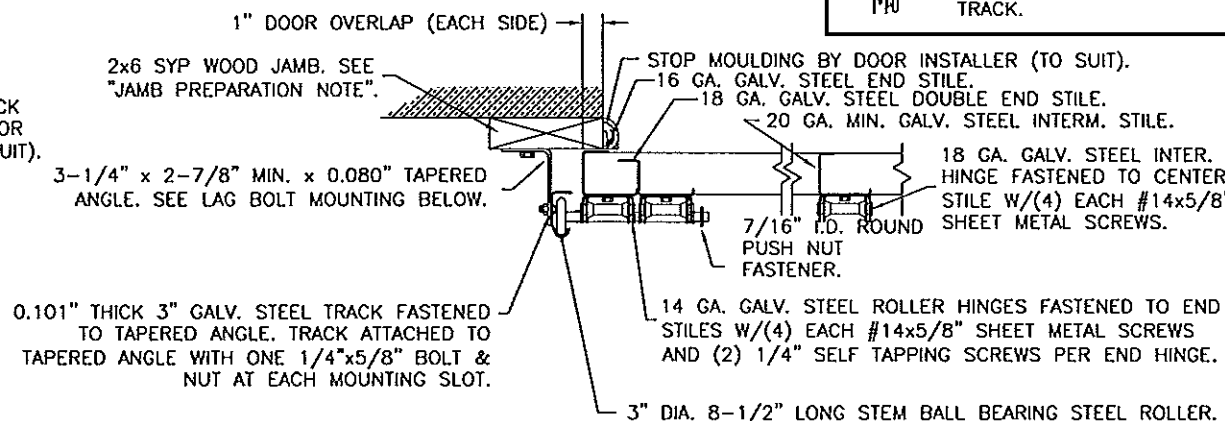
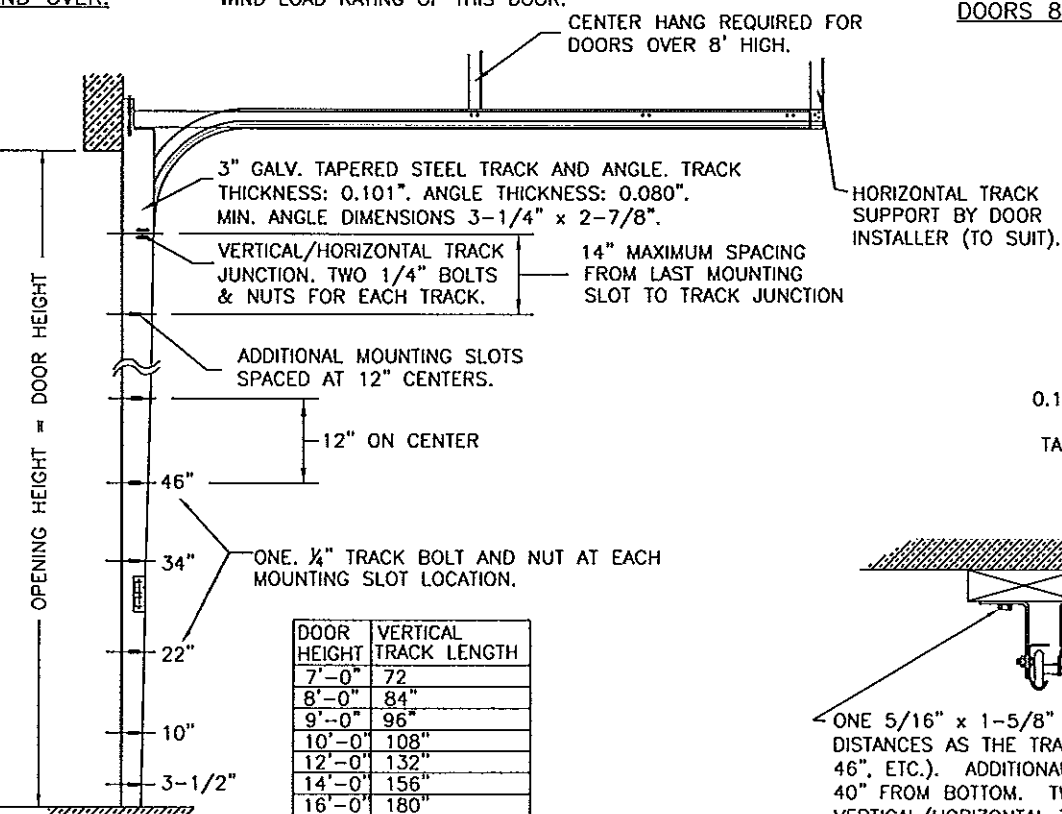
3" TRACK CONFIGURATION
DOORS 800 LBS AND OVER.

NOTE: TRACK CONFIGURATION ABOVE THE DOOR OPENING DOES NOT AFFECT THE WIND LOAD RATING OF THIS DOOR.

CENTER HANG REQUIRED FOR DOORS OVER 8' HIGH.

JAMB CONFIGURATION
DOORS 800 LBS AND OVER.

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 14-0617.02
Expiration Date 06/01/2018
By *[Signature]*
Miami Dade Product Control



SECTION C-C
PREPARATION OF JAMBS BY OTHERS.
DESIGN LOADS: +46.0 P.S.F. & -52.0 P.S.F.

Unless Stated Otherwise
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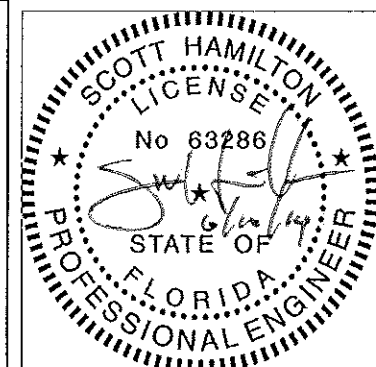
Clopay Building Products Company
8585 Duke Boulevard
Mason, OH 45040 USA
Tel. No. 513-770-4800
Fax No. 513-770-4853

MANUFACTURING PRODUCT CODE
PAN-2F443
PART NO.: N/A

WINDLOAD RATING
W8 DP46T

DESCRIPTION: 2" GALLERY PAN DOORS 16'2"W (SEE TABLE)

DRAWN BY: SH	DATE: 5/1/13	SCALE: NTS	DWG. SIZE B
CHECKED BY: SH	DATE: 5/1/13	SHEET 3 OF 4	VER: M-D
DWG. NO.: 104791			



DESIGN ENGINEER:
SCOTT HAMILTON, P.E.
FLORIDA LICENSE No. 63286

CLOPAY 'GRAND HARBOR' SERIES: GHnn, GHRnn, GHRVnn

HOLMES 'EVANSTON' SERIES: SPnn, SPVnn

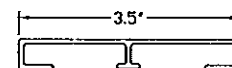
IDEAL 'STONE MANOR' SERIES: SMnn

NOTE: "nn" REPRESENTS THE ARRANGEMENT OF THE DECORATIVE OVERLAYS. THE FIRST DIGIT WILL HAVE A VALUE FROM 1 TO 2 AND THE SECOND DIGIT WILL HAVE A VALUE FROM 1 TO 3.

SHEET:
4 OF 4

REVISIONS

REV. NO.	ZONE	DATE	ECN NO.	APPVD:	DESCRIPTION
02	-	-	-	SH	SEE REVISION HISTORY ON SHEET ONE.

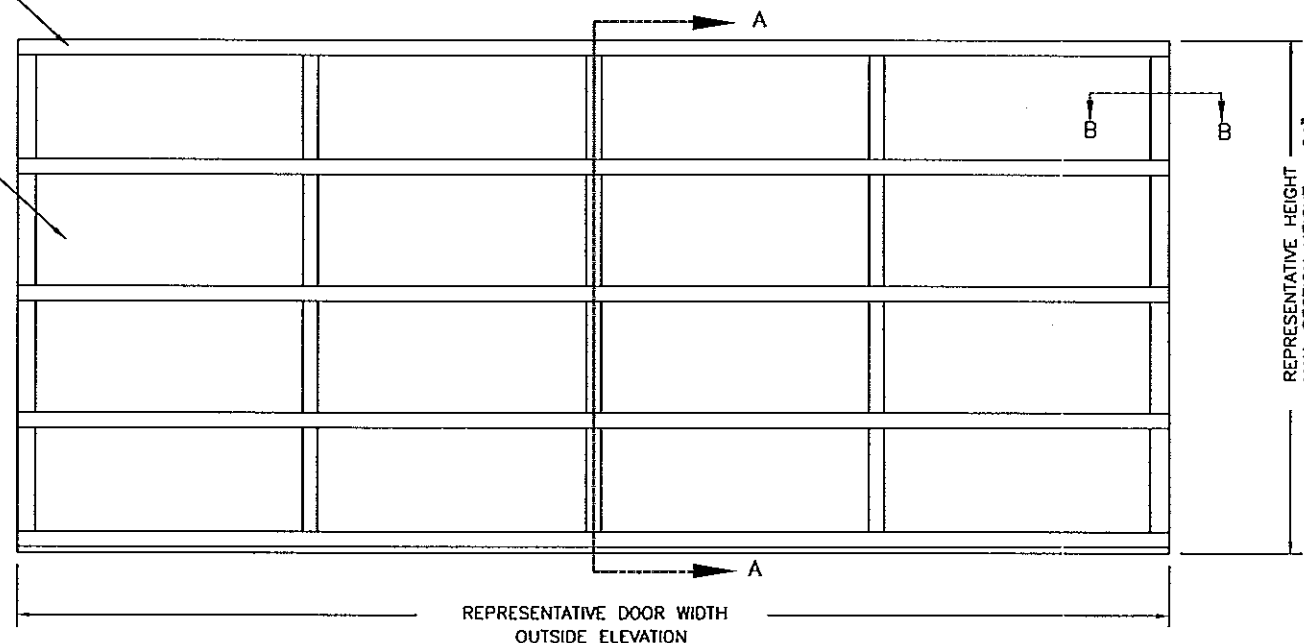


DECORATIVE OVERLAYS MAY BE HORIZONTAL, VERTICAL, AND DIAGONAL (DIAGONAL NOT SHOWN).

SECTION B-B (OVERLAY DETAIL)

DECORATIVE OVERLAYS OF PULTRUDED POLYESTER RESIN FIBERGLASS ADHERED TO OUTSIDE SKIN WITH PERMANENT ADHESIVE.

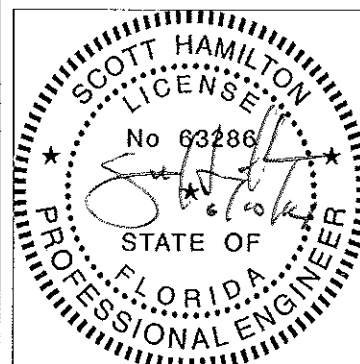
WOOD-GRAIN EMBOSSED STEEL PAN DOOR SKIN.



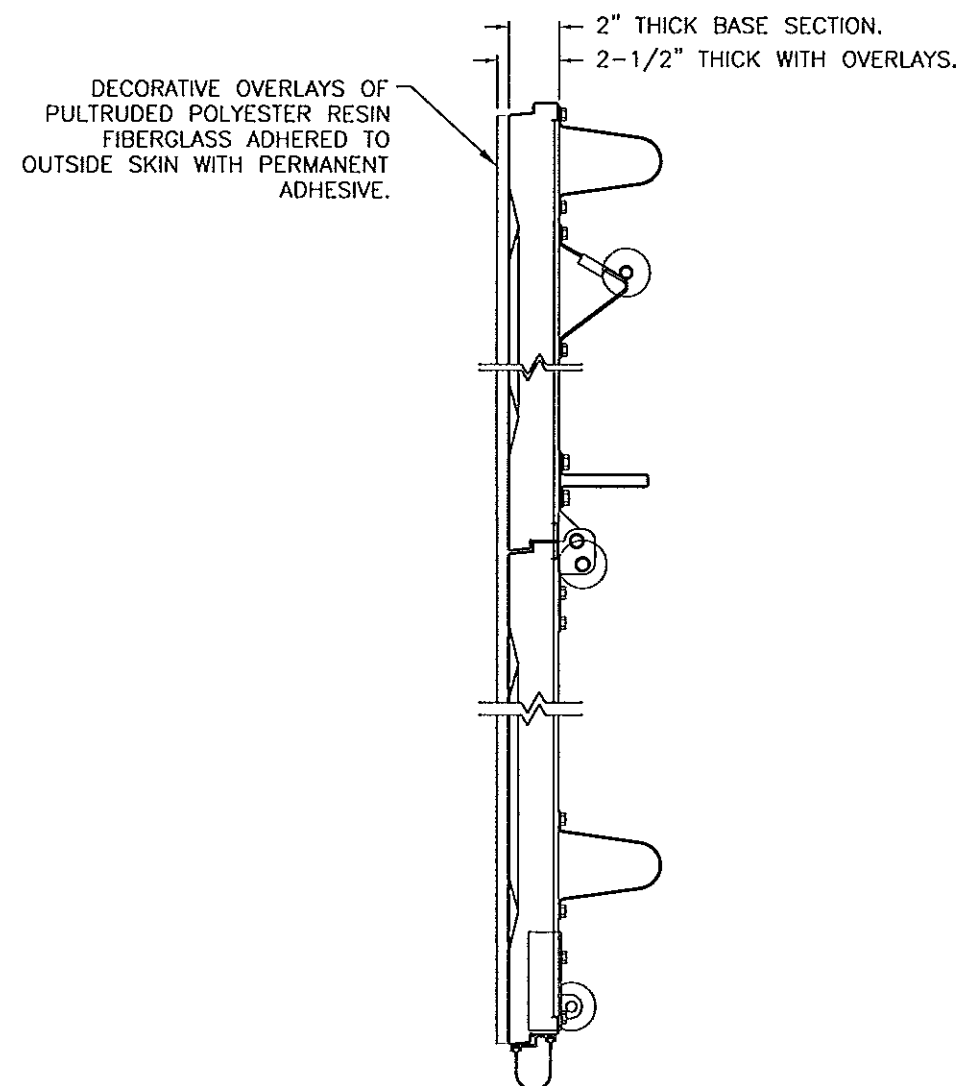
PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 14-0617.02
Expiration Date 08/01/2018
By *[Signature]*
Miami Dade Product Control

"GRAND HARBOR" TYPE OVERLAY DOORS

- NOTES:
- "GRAND HARBOR" TYPE DOORS USE THE SAME REINFORCEMENTS AND BASE SECTION CONSTRUCTION AND TRACK CONFIGURATION DESCRIBED ON SHEETS 1-3 OF THIS DRAWING.
 - "GRAND HARBOR" TYPE DOORS ARE IMPACT RESISTANT AS SOLID DOORS ONLY.



DESIGN ENGINEER:
SCOTT HAMILTON, P.E.
FLORIDA LICENSE No. 63286



SECTION A-A (SIDE VIEW)

DESIGN LOADS: +46.0 P.S.F. & -52.0 P.S.F.

Unless Stated Otherwise
TOLERANCES are
.0 = \pm .031
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DIMENSIONS ARE IN INCHES.

Clopay
Building Products Company

8585 Duke Boulevard
Mason, OH 45040 USA
Tel. No. 513-770-4800
Fax No. 513-770-4853

DESCRIPTION: 2" GALLERY PAN DOORS 16'2"W (SEE TABLE)

DRAWN BY: SH

DATE: 5/1/13

SCALE: NTS

DWG. SIZE B

CHECKED BY: SH

DATE: 5/1/13

SHEET 4 OF 4

DWG. NO.: 104791

VER: M-D

MANUFACTURING PRODUCT CODE
SPD-2F449

PART NO.: N/A

WINDLOAD RATING
W8 DP46T